Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 13 Feb 2024 until 23:59 on Wednesday 14 Feb 2024

Forecast Issued on Monday 12 Feb 2024 at 15:10

Confidence: High for cloudy and often wet conditions and generally mild. Medium for timing and cloud details.

Headline for Tuesday 13 Feb 2024: Dry start, but rain and summit snow developing.

Mountain weather hazards on Tuesday 13 Feb 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Cloudy	Light snow	Sleet	Light rain	Heavy Rain
Precipitation probability							
30%	30%	10%	20%	50%	80%	80%	80%

Forecast for Tuesday 13 Feb 2024

Weather: Mainly dry overnight with patchy cloud and occasional clear spells, although the odd wintry shower possible. Cloud thickening and lowering during the morning with outbreaks of rain and summit snow from around midday. Turning to rain at all levels by evening but remaining rather wet.

Chance of cloud-free hill tops above 800m: 80% falling 20% in the afternoon

Low cloud and visibility: Patches near or above the summits at first becoming extensive, bases 600m or less, through the afternoon and evening. Visibility very good becoming moderate to very poor through the afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 13 Feb 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	33/40 SW	31/38 SW	28/34 SW	24/29 SW	24/30 SW	19/23 S	17/21 SE	16/19 SE	19/23 SE
600	26/36 SW	25/35 SW	22/31 SW	17/24 SW	20/27 SW	14/19 S	16/22 SE	11/15 SE	13/18 SE
300	10/28 SW	9/26 SW	9/24 SW	6/19 SW	9/22 SW	5/14 S	5/15 SE	3/11 SE	3/13 SE
Valley	10/27 W	9/25 W	8/22 SW	5/17 SW	10/21 SW	5/14 S	5/14 SE	3/10 E	3/11 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-10	-1/-10	-1/-9	-1/-8	0/-6	0/-6	2/-4	2/-3	2/-3
600	1/-7	1/-6	1/-6	1/-4	2/-3	2/-2	3/-2	4/-0	4/-0
300	3/-1	3/-1	3/-0	4/1	5/2	4/3	4/3	5/3	5/4
Valley	6/2	5/3	5/3	6/4	7/4	6/5	6/5	6/5	6/5
Freezing Level*	700m	700m	700m	800m	900m	1000m	1500m	1700m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties developing at height.

Forecast for Wednesday 14 Feb 2024

Weather: Cloudy and overcast with outbreaks of rain and drizzle. The rain heavy and persistent at times, although turning lighter and patchy in the evening.

Maximum wind: South or Southwest 20 gusting 30mph

Chance of cloud-free hill tops above 800m: 10%

Low cloud and visibility: Extensive cloud, base 300 to 600m. Visibility moderate to very poor.

Temperature: **Valleys:** Plus 5 to 9 Celsius
At 800m: Plus 4 Celsius
Freezing level: Above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 12 February. Location: Helvellyn summit at 1209. Full report: A dry day with cloud breaking up in the morning to leave cloud-free tops and some winter sunshine in the afternoon. A dusting of fresh snow fell overnight down to roughly 700m and ankle-deep drifts are present in sheltered spots and hollows above this altitude. The summit of Helvellyn is mostly frozen ground with a patchwork of old refrozen snow. Swirral and Striding Edge are in wintery condition with a lot of exposed rock. The ambient air temperature on the tops today was around -1ºC but with the combined effect of wind on exposed skin the feels-like temperature (wind chill) was around -9ºC. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass, and headtorch are all essential. For anyone planning steep and exposed routes such as the Helvellyn edges, an ice axe, and crampons/microspikes are strongly recommended. Temperature: minus 1.0 C. Maximum wind speed 25.3 mph. Wind chill: minus 8.8 C. Average wind speed: 17.0 mph.

Issued at: 1730 on Mon 12 Feb 2024

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